...building a **worldwide, multilingual** language learning community with 🐠 Drupal
652 users from 67 countries

Albania  Argentina  Austria  Australia  Azerbaijan  Belgium  Brazil  Canada  Switzerland  Cameroon  China  Columbia  Serbia & Montenegro  Czech Republic  Germany  Denmark  Dominican Republic  Ecuador  Estonia  Egypt  Finland  France  Great Britain  Greece  Guatemala  Guam  Hong Kong  Croatia  Hungary  Indonesia  India  Iraq  Iran  Italy  Jordan  Korea South  Kuwait  Kazakhstan  Lithuania  Mexico  Malaysia  Nigeria  Netherlands  Nepal  New Zealand  Peru  Philippines  Pakistan  Poland  Puerto Rico  Reunion  Romania  Russia  Sweden  Slovenia  Slovakia  Spain  Syria  Thailand  Tunisia  Turkey  Taiwan  Ukraine  United States of America  Uzbekistan  Venezuela  Vietnam
We store user locations as longitude & latitude.

- We use an `<iframe>` to query the Google Maps API
- any kind of address gets translated to coordinates (lat,lon)
- Finally we store lat & lon in the users node
This script does the query & sets a marker in our gmap.

```javascript
function showAddress(address) {
    if (geocoder) {
        geocoder.getLatLng(address,
            function(point) {
                if (!point) {
                    // alert(address + ' not found');
                } else {
                    parent.iwtmap.clearOverlays();
                    parent.iwtmap.setCenter(point, 11);
                    var marker = new GMarker(point, {draggable: true});
                    parent.iwtmap.addOverlay(marker);
                    parent.$('#edit-field-userlocation-maplon').val(point.lng());
                    parent.$('#edit-field-userlocation-maplat').val(point.lat());
                    parent.$('#edit-field-userlocation-itemcount').val('1');
                    parent.$('#field-userlocationmarkers').html('<input type="hidden" value="' + point.lng() + '" id="edit-field-userlocation-0-lon" name="field_userlocation[0][lon]"/>
<input type="hidden" value="' + point.lat() + '" id="edit-field-userlocation-0-lat" name="field_userlocation[0][lat]"/>
');
                }
            }
        }
    }
}
```
We calculate the distance between users.

SELECT (acos(sin(lat_user1) * sin(RADIANS(lat_user2)) + cos(lat_user1) * cos(RADIANS(lat_user2)) * cos(lon_user1 - RADIANS(lon_user2))) * 6366.2) AS distance

user1: lat,lon
user2: lat,lon
How do we use the Geo-information?
The localization client module

- Users with permission can interactively translate the whole interface.
A thousand „thanks you!!!“s to our translators

- Russian: Ольга Панькина
- Danish: Mads Warming
- Spanish: Ariel Aberin
- Polish: Lucia Matysiak
- Hungarian: Adrienn Huber
- Italian: Giuliana Granata, Nunzia Barile
- French: Anne-Sophie Guillaud

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